

1. (1 pt.)

- This *quick check* is **closed book, notes, etc.**
- You may use a 3 in. × 5 in. **reference card**, *hand-written by you*.
- Use the **classroom and textbook conventions** and terminology.

Read the above carefully; then write your name below:

2. (3 pts.) Describe the square-sum problem that was referenced on the newsgroup as Homework 0.001.

3. (2 pts.) List four goals of this course, as presented in the syllabus.

4. (2 pts.) Which algorithm is described and analyzed in detail in Chapter 2 of the textbook? [Provide its conventional name.]

5. (2 pts.) List the four-steps to developing a dynamic programming algorithm, as listed in Chapter 15 of the textbook.